

INTERNATIONAL SEARCH REPORT

Inte nal Application No
PC 1,1B2004/052610

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03G3/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 488 750 A (EISUKE FUJIMOTO) 6 January 1970 (1970-01-06)	1,3,13, 18,20
Y	column 2, line 7 - column 3, line 34; figures 1-3	2,4-12, 14-17,19
X	US 5 130 665 A (WALDEN ET AL) 14 July 1992 (1992-07-14)	13
Y	the whole document	2-12, 14-20
Y	US 5 666 430 A (RZESZEWSKI ET AL) 9 September 1997 (1997-09-09) column 1, line 54 - column 2, line 8; figures 1,2	1-20
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

21 February 2005

Date of mailing of the International search report

01/03/2005

Name and mailing address of the ISA

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Inte	nal Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) & JP 09 082019 A (SONY CORP), 28 March 1997 (1997-03-28) abstract ----- US 2 551 150 A (MCGOFFIN WILLIAM WALTER) 1 May 1951 (1951-05-01) column 5, line 3 - column 6, line 11; figure 1 -----	1-20
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11, 29 November 1996 (1996-11-29) & JP 08 180582 A (SONY CORP), 12 July 1996 (1996-07-12) the whole document -----	1-20

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Information on patent family members

International Application No
PCT/IB2004/052610

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3488750	A	06-01-1970	DE FR GB NL SE	1286569 B 1506431 A 1128865 A 6614345 A 321102 B		09-01-1969 22-12-1967 02-10-1968 13-11-1967 23-02-1970
US 5130665	A	14-07-1992		NONE		
US 5666430	A	09-09-1997	CA US	2159976 A1 6195438 B1		10-07-1996 27-02-2001
JP 09082019	A	28-03-1997		NONE		
US 2551150	A	01-05-1951		NONE		
JP 08180582	A	12-07-1996	JP	3365113 B2		08-01-2003

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